11/20/86 A8050-1A

News Release

FOR RELEASE: November 24, 1986
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MACHINE TOOL ORDERS RISE 30.1% IN OCTOBER

During October machine tool orders rose to $176.00 million, up 30.1% from the $135.25 million posted in the previous month. Metal cutting orders were up to $126.70 million, a 26.5% rise, while metal forming orders rose to $49.30 million, up 40.5%.

Machine tool shipments reached $244.70 million in October, a 17.7% rise from September's $207.95 million figure. This represents a 14.8% rise to $185.20 million in shipments of metal cutting equipment and a 27.7% rise to $59.50 million in shipments of metal forming equipment.

"We are encouraged by the rise in both orders and shipments of machine tools for the month of October," stated James A. Gray, president of the National Machine Tool Builders' Association. "We are now seeing some results from our very successful machine tool show (IMTS-86, September 3-11, 1986). Considering the current mood of caution in the manufacturing industries, we can only hope that the rise in new orders is a good sign that the U.S. machine tool industry is holding its own. In this period of rapid technical change and economic uncertainty, we believe purchasers of industrial equipment know that when they buy American they buy a quality product representing the best that the machine tool industry anywhere has to offer."

(MORE)

Compared to October one year ago, combined metal cutting and metal forming equipment orders were down 23.4%. Year-to-date order totals also were off, having fallen from $2,157.95 million in 1985 to $1,852.00 million in 1986, a 14.2% drop. Orders for metal cutting machine tools fell to $1,368.90 million for the year, a 12.5% drop; while orders for metal forming equipment fell to $483.10 million, an 18.5% drop.

At $244.70 million, shipments show a 22.8% rise over October one year ago. Year-to-date figures show an 8.7% rise in shipments, going from $1,971.70 million in 1985 to $2,142.35 million in 1986. Cumulative figures for 1986 show metal cutting machine tool shipments rising 18.6%, up to $1,560.20 million, and metal forming machine tool shipments falling 11.4%, down to $582.15 million.

The $1,676.00 million net new order figure for the first three quarters of 1986 represents a decline when compared to 1984 and 1985, but is well above the figures for 1982 and 1983.

Machine tool order backlogs for September fell to $1,367.20 million, down from $1,435.90 million for September.

# # #

COMPARISON CHART

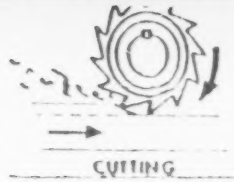
NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
OCT 1986	115.50	11.20	126.70	44.95	4.35	49.30	160.45	15.55	176.00
SEP 1986	89.95	10.20	100.15	23.65	11.45	35.10	113.60	21.65	135.25
% CHANGE									
OCT 1986:SEP 1986	+28.4	+9.8	+26.5	+90.1	-62.0	+40.5	+41.2	-28.2	+30.1
OCT 1985	134.95	21.05	156.00	69.25	4.60	73.85	204.20	25.65	229.85
% CHANGE									
OCT 1986:OCT 1985	-14.4	-46.8	-18.8	-35.1	-5.4	-33.2	-21.4	-39.4	-23.4
YEAR TO DATE 1986	1,227.20	141.70	1,368.90	427.95	55.15	483.10	1,655.15	196.85	1,852.00
YEAR TO DATE 1985	1,379.40	185.55	1,564.95	535.85	57.15	593.00	1,915.25	242.70	2,157.95
% CHANGE									
1986 : 1985	-11.0	-23.6	-12.5	-20.1	-3.5	-18.5	-13.6	-18.9	-14.2

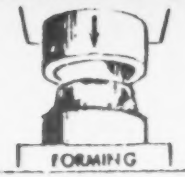
SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
OCT 1986	172.10	13.10	185.20	52.60	6.90	59.50	224.70	20.00	244.70
SEP 1986	140.80	20.55	161.35	40.30	6.30	46.60	181.10	26.85	207.95
% CHANGE									
OCT 1986:SEP 1986	+22.2	-36.3	+14.8	+30.5	+9.5	+27.7	+24.1	-25.5	+17.7
OCT 1985	114.05	15.85	129.90	64.60	4.80	69.40	178.65	20.65	199.30
% CHANGE									
OCT 1986:OCT 1985	+50.9	-17.4	+42.6	-18.6	+43.7	-14.3	+25.8	-3.1	+22.8
YEAR TO DATE 1986	1,392.90	167.30	1,560.20	533.65	48.50	582.15	1,926.55	215.80	2,142.35
YEAR TO DATE 1985	1,198.60	116.40	1,315.00	607.55	49.15	656.70	1,806.15	165.55	1,971.70
% CHANGE									
1986 : 1985	+16.2	+43.7	+18.6	-12.2	-1.3	-11.4	+6.7	+30.4	+8.7

Source: National Machine Tool Builders' Association



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

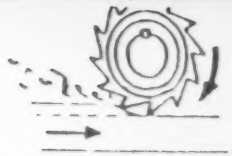


DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 2,262.15	$ 265.95	$ 2,528.10	1,657.55	$ 2,291.45	$ 253.75	$ 2,545.20
1986							
JAN	$ 174.95	$ 15.80	$ 190.75	1,702.45	$ 124.85	$ 21.00	$ 145.85
FEB	$ 198.25	$ 12.15	$ 210.40	1,710.20	$ 185.65	$ 17.00	$ 202.65
MAR	$ 196.80	$ 17.80	$ 214.60	1,676.00	$ 219.30	$ 29.50	$ 248.80
APR	$ 169.25	$ 24.00	$ 193.25	1,659.70	$ 190.80	$ 18.75	$ 209.55
MAY	$ 177.00	$ 29.20	$ 206.20	1,636.35	$ 207.10	$ 22.45	$ 229.55
JUN	$ 190.55	$ 10.60	$ 201.15	1,525.60	$ 289.00	$ 22.90	$ 311.90
JUL	$ 135.30	$ 34.70	$ 170.00	1,505.55	$ 172.50	$ 17.55	$ 190.05
AUG	$ 139.00	$ 15.40	$ 154.40	1,508.60	$ 131.55	$ 19.80	$ 151.35
SEP	$ 113.60	$ 21.65	$ 135.25	1,435.90	$ 181.10	$ 26.85	$ 207.95
OCT (P)	$ 160.45	$ 15.55	$ 176.00	1,367.20	$ 224.70	$ 20.00	$ 244.70
10 MONTHS	$ 1,655.15	$ 196.85	$ 1,852.00		$ 1,926.55	$ 215.80	$ 2,142.35

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 2,433.30	$ 282.65	$ 2,715.95	$ 171.15	$ 16.70	$ 187.85
1986						
JAN	$ 180.65	$ 17.20	$ 197.85	$ 5.70	$ 1.40	$ 7.10
FEB	$ 214.85	$ 14.65	$ 229.50	$ 16.60	$ 2.50	$ 19.10
MAR	$ 203.35	$ 18.40	$ 221.75	$ 6.55	$ .60	$ 7.15
APR	$ 181.10	$ 24.45	$ 205.55	$ 11.85	$ .45	$ 12.30
MAY	$ 183.50	$ 29.50	$ 213.00	$ 6.50	$ .30	$ 6.80
JUN	$ 215.90	$ 15.20	$ 231.10	$ 25.35	$ 4.60	$ 29.95
JUL	$ 164.25	$ 35.30	$ 199.55	$ 28.95	$ .60	$ 29.55
AUG	$ 149.05	$ 16.50	$ 165.55	$ 10.05	$ 1.10	$ 11.15
SEP	$ 143.40	$ 22.35	$ 165.75	$ 29.80	$ .70	$ 30.50
OCT (P)	$ 168.15	$ 16.70	$ 184.85	$ 7.70	$ 1.15	$ 8.85
10 MONTHS	$ 1,804.20	$ 210.25	$ 2,014.45	$ 149.05	$ 13.40	$ 162.45

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

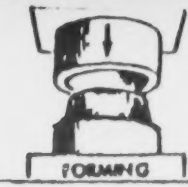
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 1,652.15	$ 200.95	$ 1,853.10	1,243.30	$ 1,548.50	$ 193.75	$ 1,742.25
1986							
JAN	$ 124.75	$ 10.25	$ 135.00	1,286.80	$ 74.05	$ 17.45	$ 91.50
FEB	$ 160.65	$ 7.95	$ 168.60	1,331.50	$ 109.50	$ 14.40	$ 123.90
MAR	$ 146.05	$ 13.85	$ 159.90	1,319.85	$ 148.20	$ 23.35	$ 171.55
APR	$ 118.30	$ 17.85	$ 136.15	1,303.90	$ 140.05	$ 12.05	$ 152.10
MAY	$ 118.50	$ 23.20	$ 141.70	1,273.15	$ 153.10	$ 19.35	$ 172.45
JUN	$ 145.65	$ 11.15	$ 156.80	1,185.15	$ 226.70	$ 18.10	$ 244.80
JUL	$ 99.25	$ 29.55	$ 128.80	1,164.85	$ 135.90	$ 13.20	$ 149.10
AUG	$ 108.60	$ 6.50	$ 115.10	1,171.70	$ 92.50	$ 15.75	$ 108.25
SEP	$ 89.95	$ 10.20	$ 100.15	1,110.50	$ 140.80	$ 20.55	$ 161.35
OCT (P)	$ 115.50	$ 11.20	$ 126.70	1,052.00	$ 172.10	$ 13.10	$ 185.20
10 MONTHS	$ 1,227.20	$ 141.70	$ 1,368.90		$ 1,392.90	$ 167.30	$ 1,560.20

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 1,769.20	$ 213.45	$ 1,982.65	$ 117.05	$ 12.50	$ 129.55
1986						
JAN	$ 129.30	$ 11.45	$ 140.75	$ 4.55	$ 1.20	$ 5.75
FEB	$ 165.70	$ 9.95	$ 175.65	$ 5.05	$ 2.00	$ 7.05
MAR	$ 150.55	$ 14.30	$ 164.85	$ 4.50	$ .45	$ 4.95
APR	$ 127.40	$ 18.25	$ 145.65	$ 9.10	$ .40	$ 9.50
MAY	$ 122.75	$ 23.45	$ 146.20	$ 4.25	$ .25	$ 4.50
JUN	$ 159.55	$ 11.95	$ 171.50	$ 13.90	$ .80	$ 14.70
JUL	$ 116.50	$ 30.10	$ 146.60	$ 17.25	$ .55	$ 17.80
AUG	$ 114.30	$ 7.55	$ 121.85	$ 5.70	$ 1.05	$ 6.75
SEP	$ 110.20	$ 10.85	$ 121.05	$ 20.25	$ .65	$ 20.90
OCT (P)	$ 122.30	$ 11.90	$ 134.20	$ 6.80	$ .70	$ 7.50
10 MONTHS	$ 1,318.55	$ 149.75	$ 1,468.30	$ 91.35	$ 8.05	$ 99.40

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)



DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1985	$ 610.00	$ 65.00	$ 675.00	414.25	$ 742.95	$ 60.00	$ 802.95
1986							
JAN	$ 50.20	$ 5.55	$ 55.75	415.65	$ 50.80	$ 3.55	$ 54.35
FEB	$ 37.60	$ 4.20	$ 41.80	378.70	$ 76.15	$ 2.60	$ 78.75
MAR	$ 50.75	$ 3.95	$ 54.70	356.15	$ 71.10	$ 6.15	$ 77.25
APR	$ 50.95	$ 6.15	$ 57.10	355.80	$ 50.75	$ 6.70	$ 57.45
MAY	$ 58.50	$ 6.00	$ 64.50	363.20	$ 54.00	$ 3.10	$ 57.10
JUN	$ 44.90	$ -.55	$ 44.35	340.45	$ 62.30	$ 4.80	$ 67.10
JUL	$ 36.05	$ 5.15	$ 41.20	340.70	$ 36.60	$ 4.35	$ 40.95
AUG	$ 30.40	$ 8.90	$ 39.30	336.90	$ 39.05	$ 4.05	$ 43.10
SEP	$ 23.65	$ 11.45	$ 35.10	325.40	$ 40.30	$ 6.30	$ 46.60
OCT (P)	$ 44.95	$ 4.35	$ 49.30	315.20	$ 52.60	$ 6.90	$ 59.50
10 MONTHS	$ 427.95	$ 55.15	$ 483.10		$ 533.65	$ 48.50	$ 582.15

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985	$ 664.10	$ 69.20	$ 733.30	$ 54.10	$ 4.20	$ 58.30
1986						
JAN	$ 51.35	$ 5.75	$ 57.10	$ 1.15	$ .20	$ 1.35
FEB	$ 49.15	$ 4.70	$ 53.85	$ 11.55	$ .50	$ 12.05
MAR	$ 52.80	$ 4.10	$ 56.90	$ 2.05	$ .15	$ 2.20
APR	$ 53.70	$ 6.20	$ 59.90	$ 2.75	$ .05	$ 2.80
MAY	$ 60.75	$ 6.05	$ 66.80	$ 2.25	$ .05	$ 2.30
JUN	$ 56.35	$ 3.25	$ 59.60	$ 11.45	$ 3.80	$ 15.25
JUL	$ 47.75	$ 5.20	$ 52.95	$ 11.70	$ .05	$ 11.75
AUG	$ 34.75	$ 8.95	$ 43.70	$ 4.35	$ .05	$ 4.40
SEP	$ 33.20	$ 11.50	$ 44.70	$ 9.55	$ .05	$ 9.60
OCT (P)	$ 45.85	$ 4.80	$ 50.65	$ .90	$ .45	$ 1.35
10 MONTHS	$ 485.65	$ 60.50	$ 546.15	$ 57.70	$ 5.35	$ 63.05

P - Preliminary

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(Dollar Figures in Thousands)
1981 to Date

DATE	Cutting and Forming SHIPMENTS Total	Cutting and Forming SHIPMENTS Foreign	Cutting and Forming NET NEW ORDERS	Cutting SHIPMENTS Total	Cutting SHIPMENTS Foreign	Cutting NET NEW ORDERS	Forming SHIPMENTS Total	Forming SHIPMENTS Foreign	Forming NET NEW ORDERS
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3P	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
Total	$1,897,650	$195,800	$1,676,000	$1,375,000	$154,200	$1,242,200	$ 522,650	$ 41,600	$ 433,800

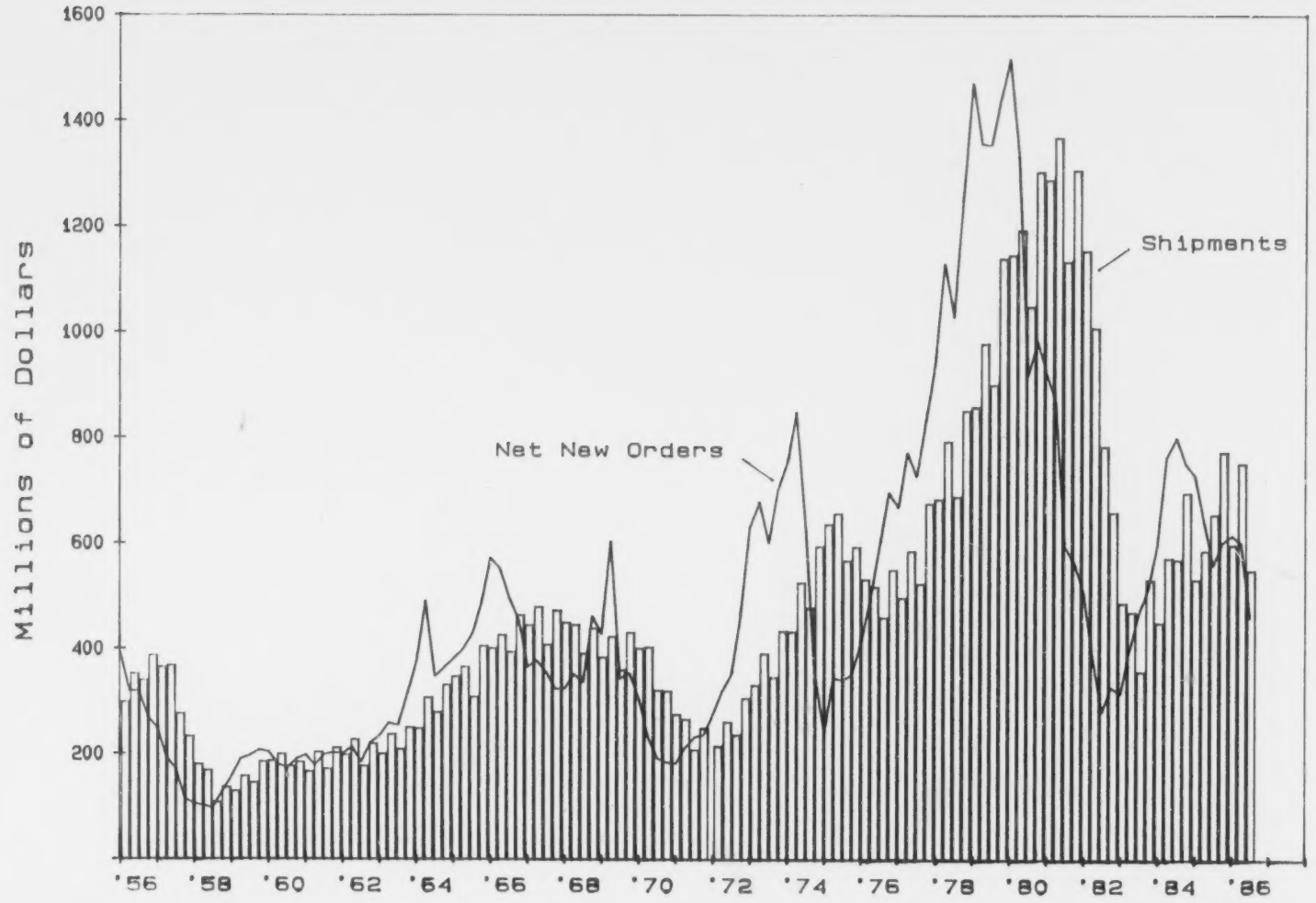
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1986, contact: NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102-4269. Phone: 703:893-2900

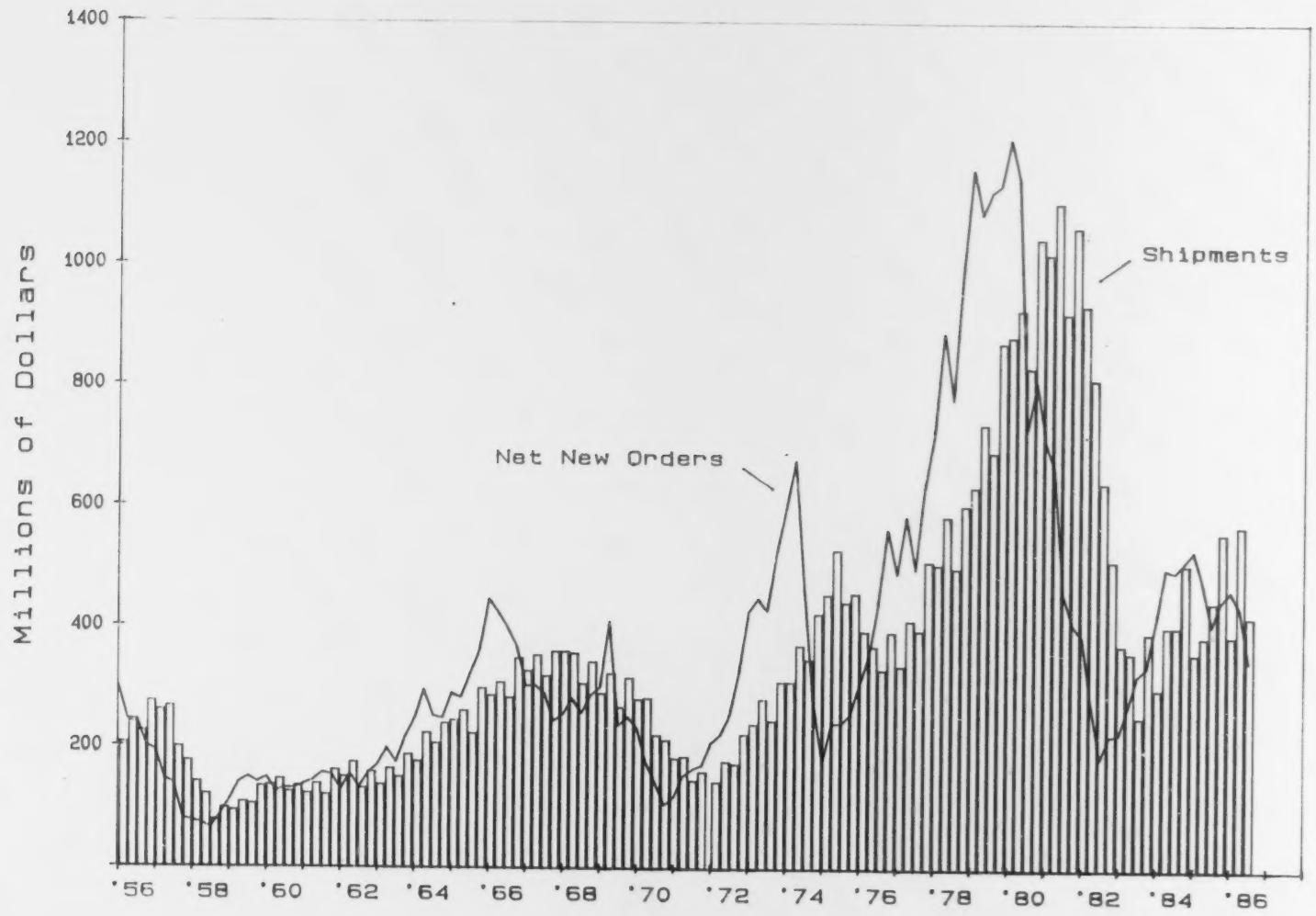
Source: National Machine Tool Builders' Association

November 24, 1986

Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 3



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 3



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1986: 3